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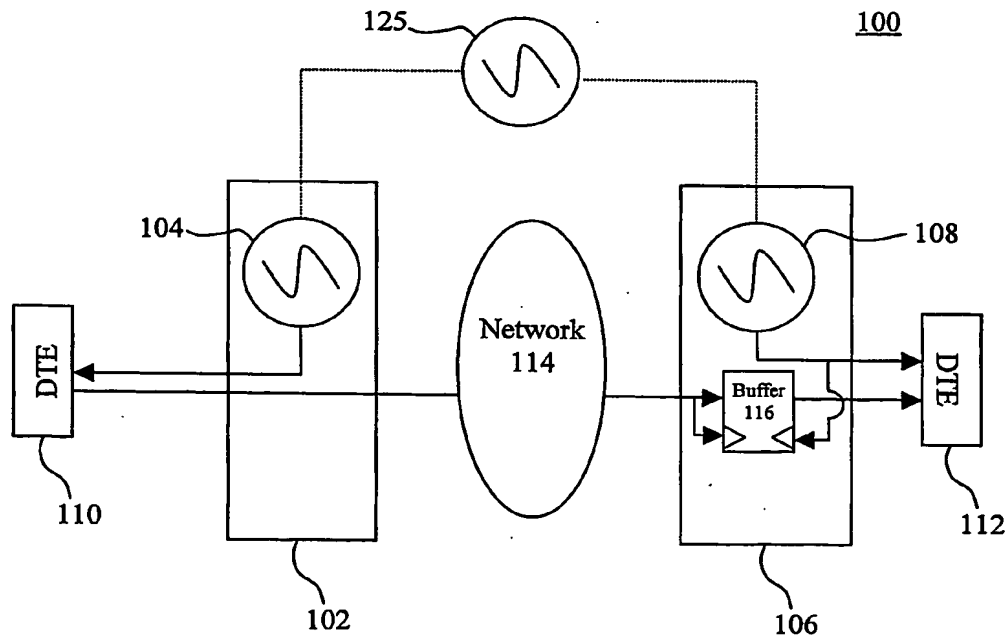
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(54) Title: SYSTEM AND METHOD FOR BUFFER MANAGEMENT IN A PACKET-BASED NETWORK



(57) Abstract: A communication system for use with a packet-based network is disclosed. A first node is configured to transmit circuit data in data packets across the network. A second node is configured to receive the data packets from the network and serialize the synchronous data. The second node comprises a configurable buffer, the buffer being configurable to adjust to network packet delay variance through analysis of packet delay variance as measured over at least one period of time.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

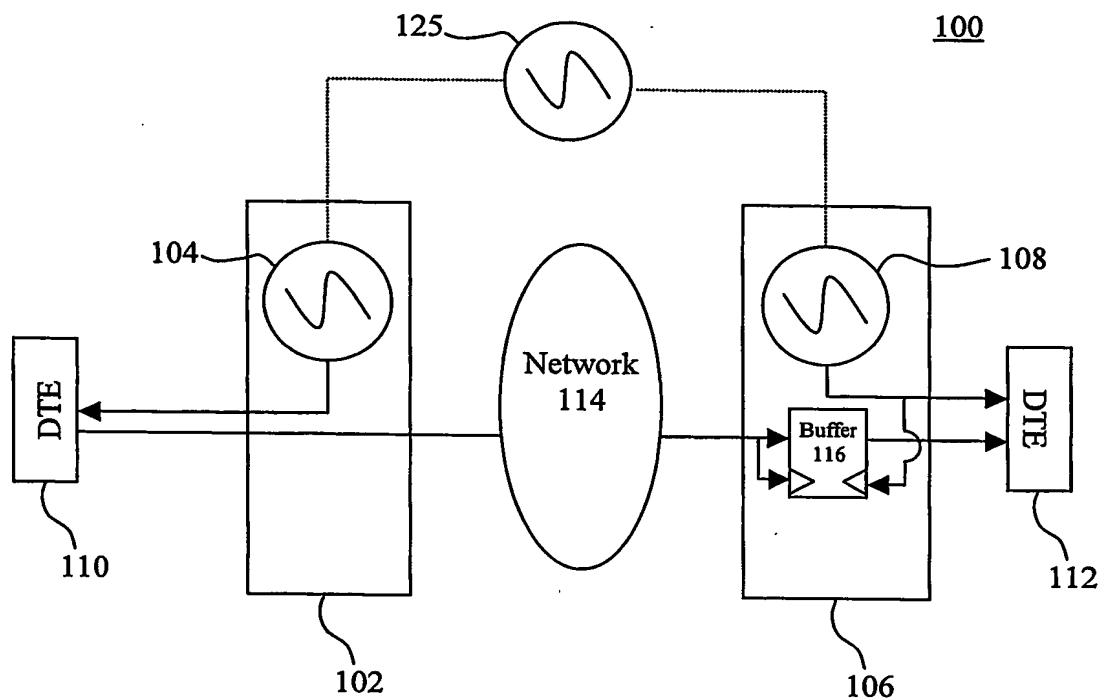


Fig. 1

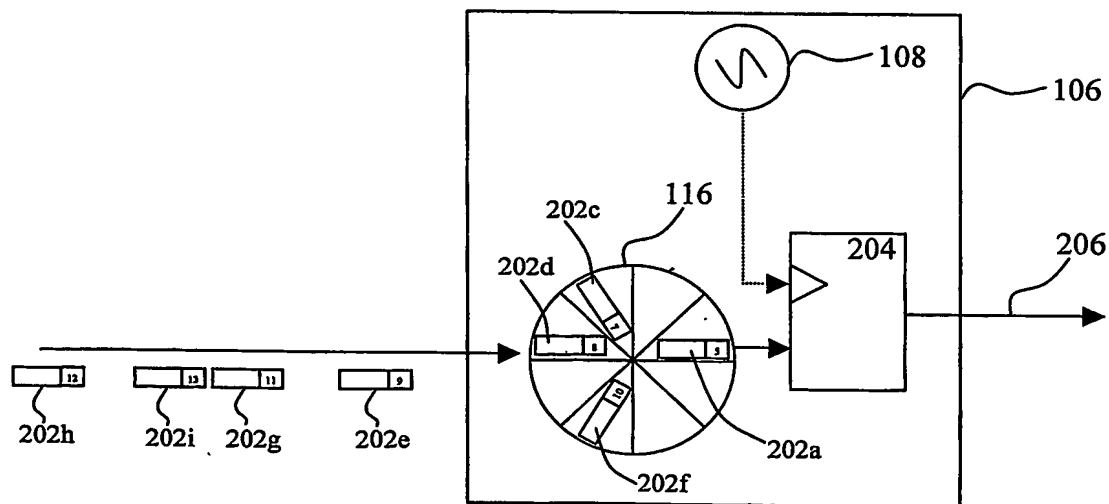
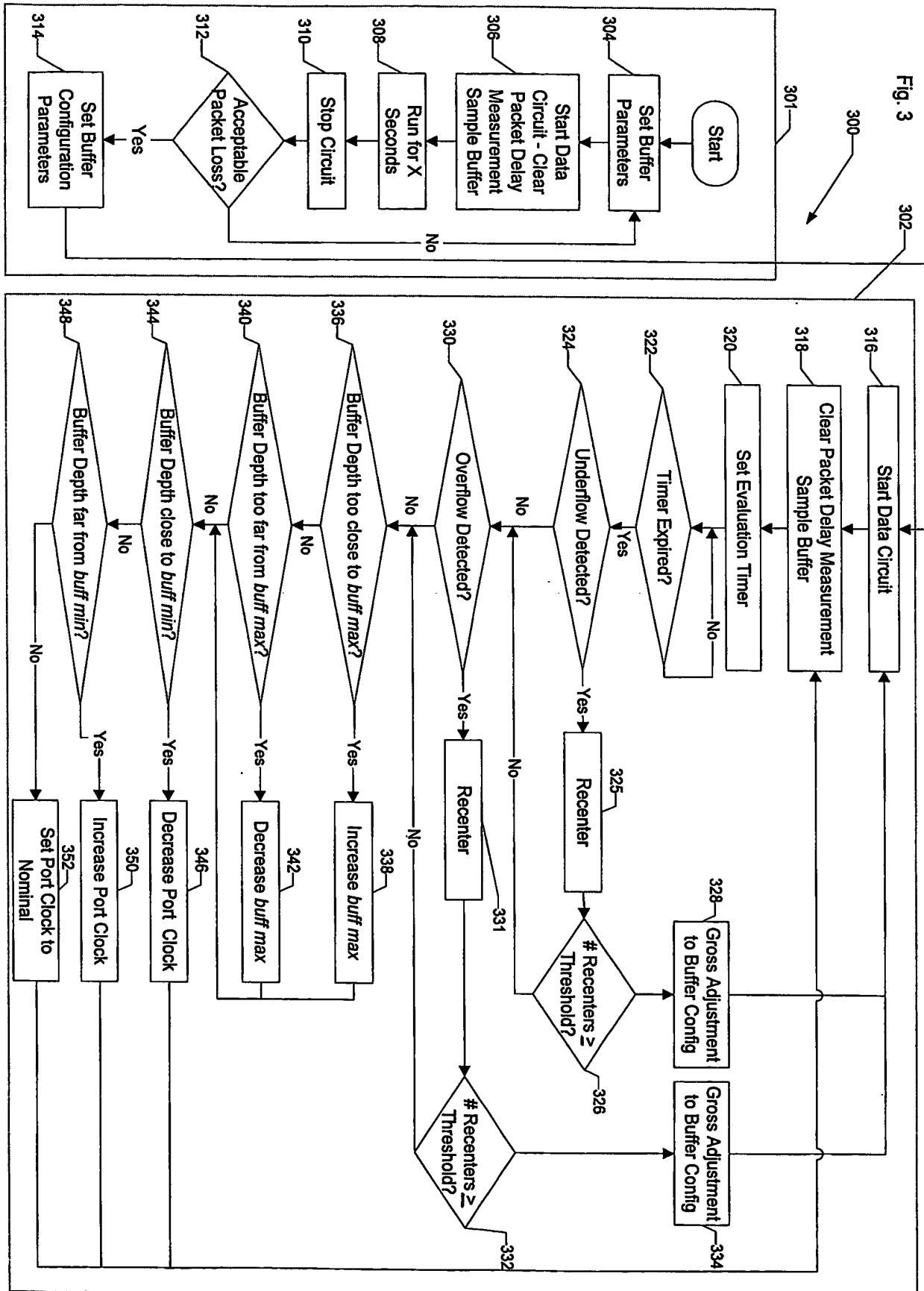
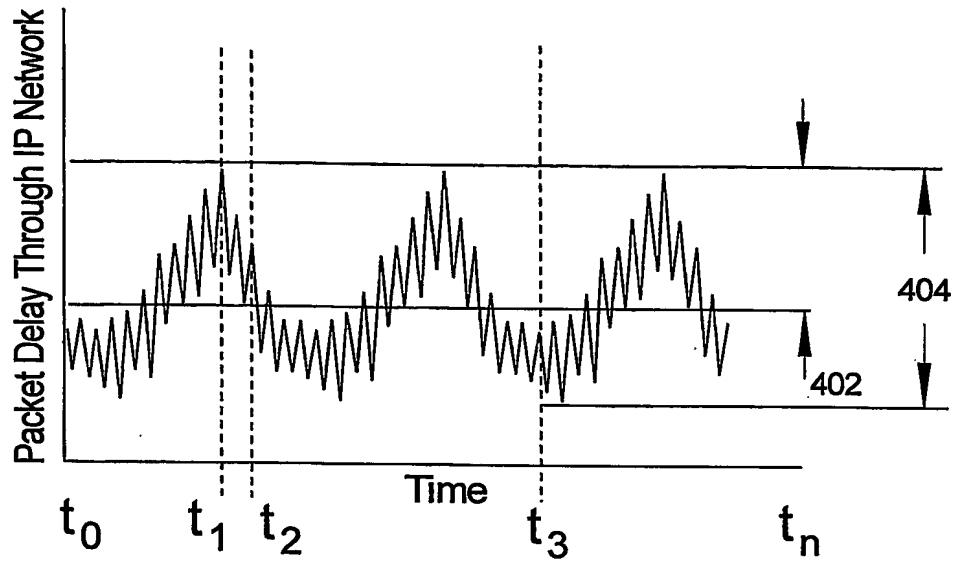
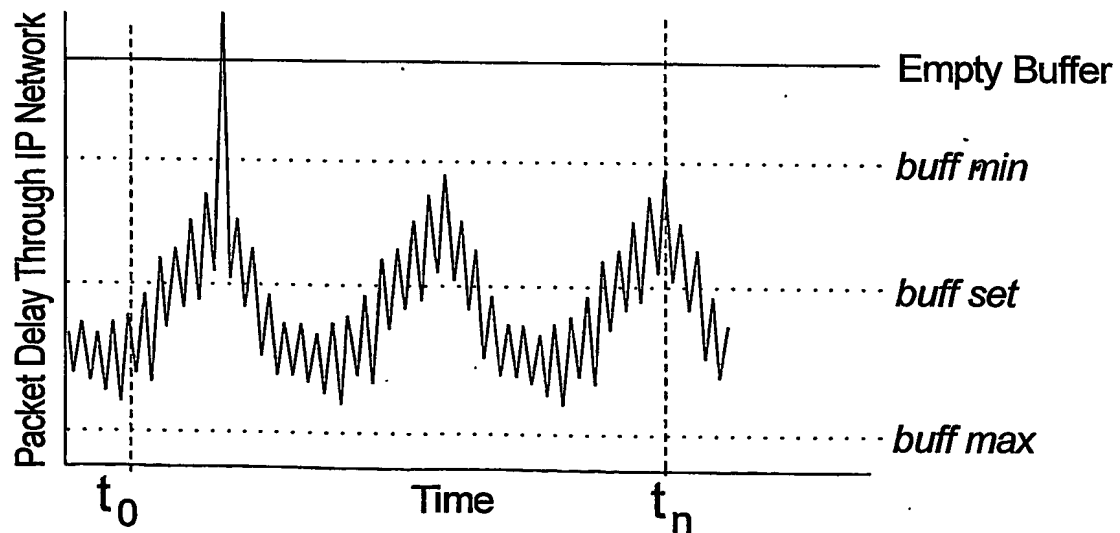


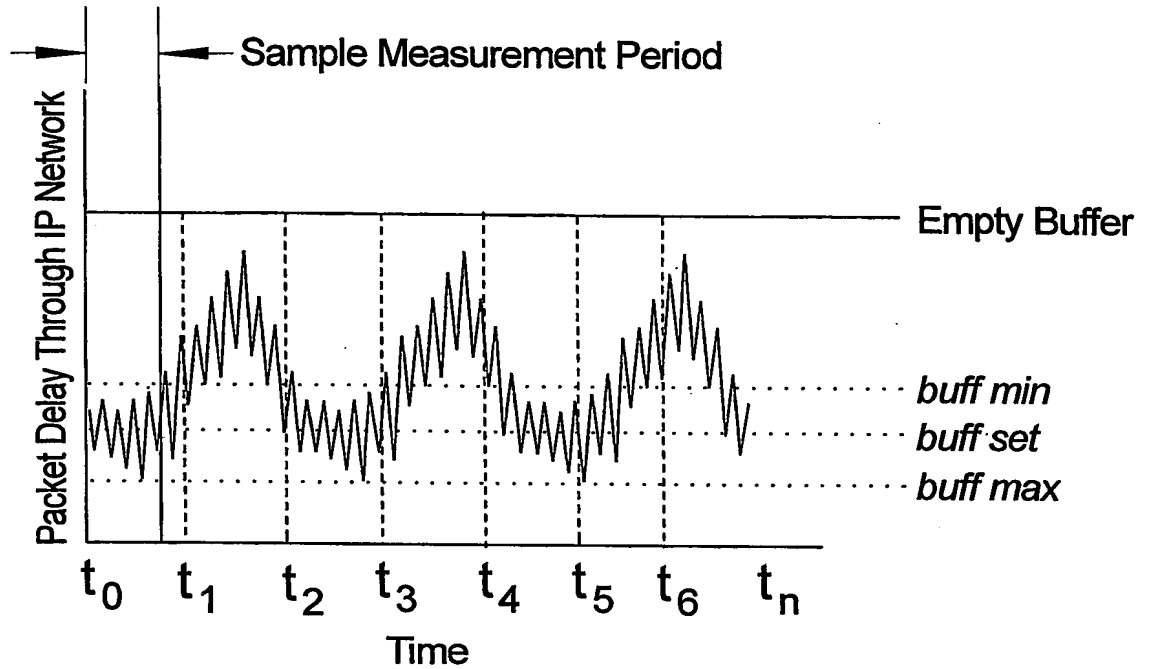
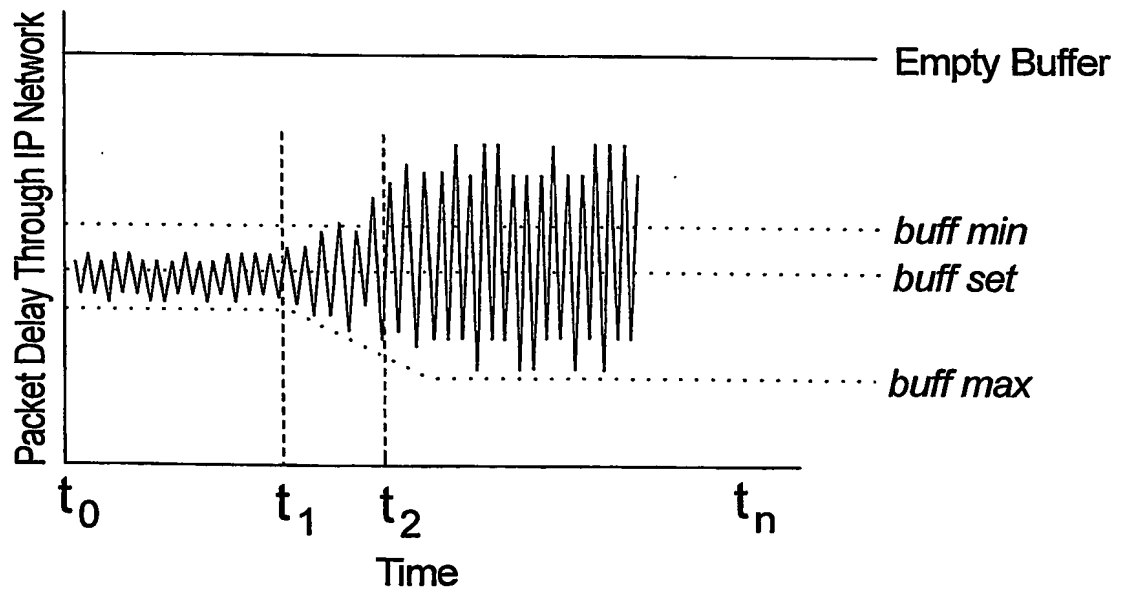
Fig. 2

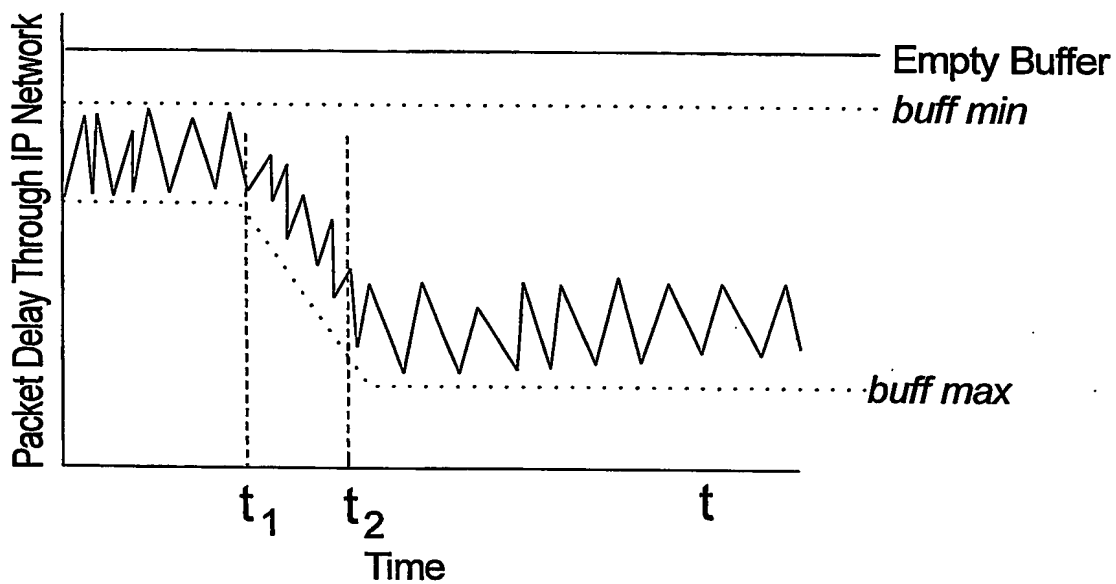
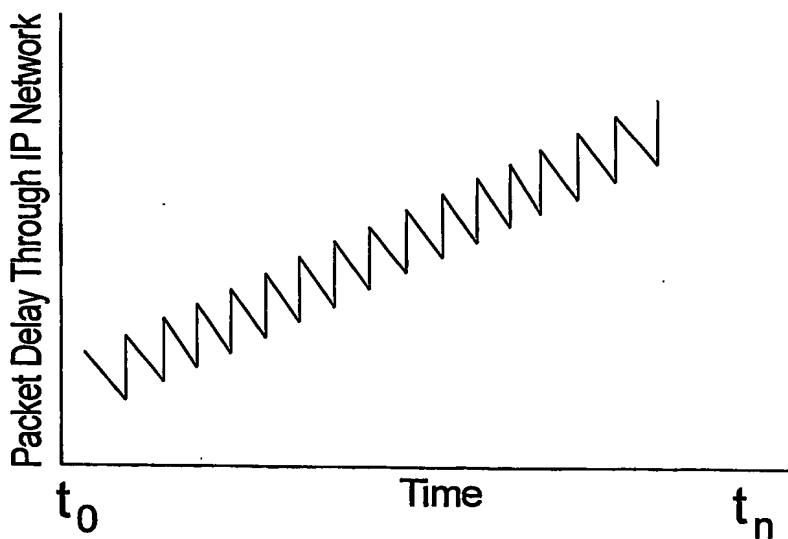
Fig. 3



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**Fig. 4****Fig. 5**

**Fig. 6****Fig. 7**

**Fig. 8****Fig. 9**

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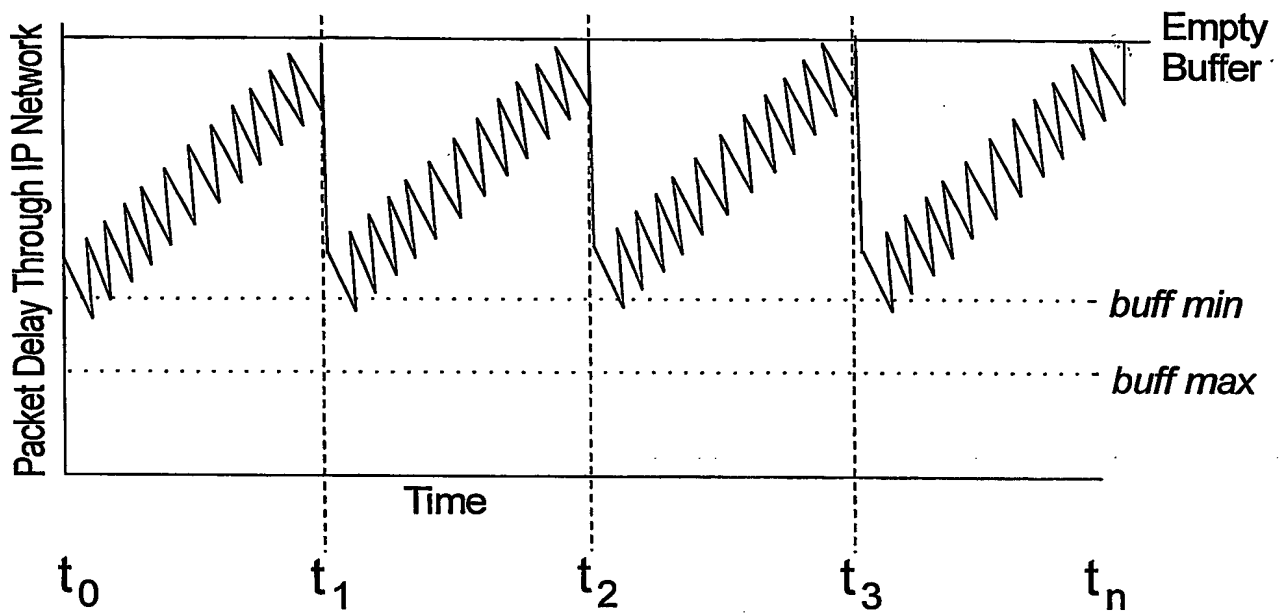


Fig. 10